

Penumbral Lunar Eclipse of 1962 Jul 17

Ecliptic Conjunction = 11:41:06.0 TD (= 11:40:31.8 UT)

Greatest Eclipse = 11:54:48.7 TD (= 11:54:14.5 UT)

Penumbral Magnitude = 0.3924

P. Radius = 1.2609°

Gamma = 1.3370

Umbral Magnitude = -0.5835

U. Radius = 0.7363°

Axis = 1.3187°

Saros Series = 109

Member = 70 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h45m18.8s

Dec. = +21°14'17.1"

S.D. = 00°15'44.2"

H.P. = 00°00'08.7"

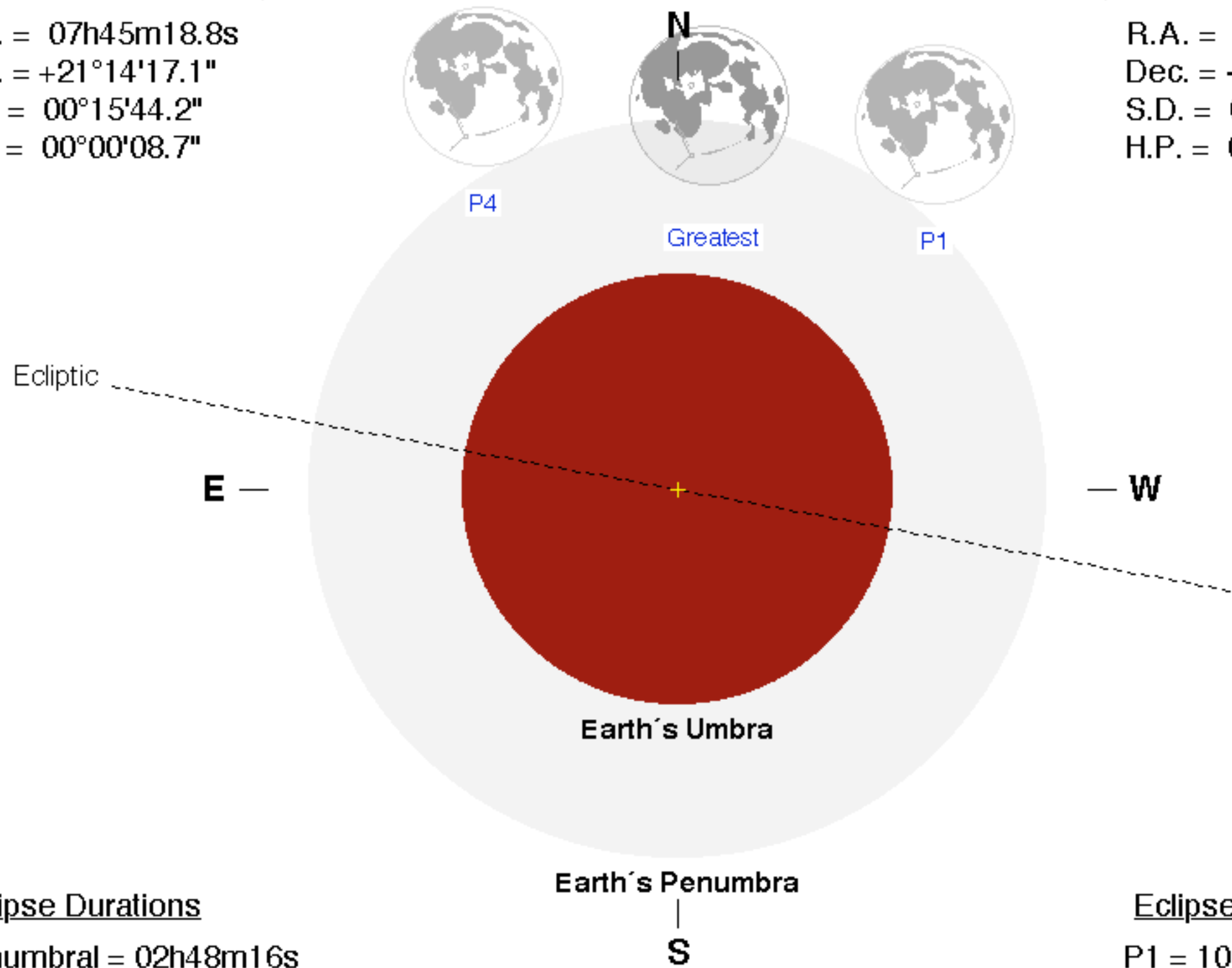
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h44m51.3s

Dec. = -19°55'25.0"

S.D. = 00°16'07.5"

H.P. = 00°59'10.9"



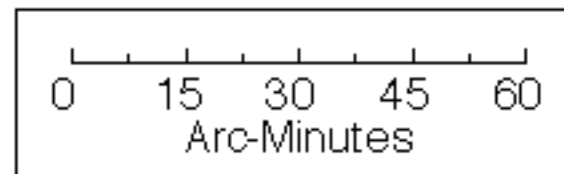
Eclipse Durations

Penumbral = 02h48m16s

Eclipse Contacts

P1 = 10:30:13 UT

P4 = 13:18:29 UT



$\Delta T = 34$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

